

## ABSTRACT

A depth in a z axis direction is set for each figure drawn on a xy plane in an image that includes figures, so that each figure exists in each layer that has been set for 5 each depth in the z axis direction, and thereby, stereoscopic contents are prepared in a contents preparation apparatus. An image is stereoscopically displayed on the basis of the depth that has been set, and thereby, the stereoscopic contents can be displayed in a contents reproduction apparatus. In addition, only figures that exist in a selected layer are displayed, and thereby, the depth of stereoscopic contents can be easily confirmed, 10 even in a two-dimensional display in a contents editing apparatus.